

Yiyan Sun

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11167500/publications.pdf>

Version: 2024-02-01

12
papers

1,425
citations

759233

12
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

1479
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Spin Pumping at the Magnetic Insulator (YIG)/Normal Metal (Au) Interfaces. Physical Review Letters, 2011, 107, 066604. | 7.8 | 384 |
| 2 | Damping in Yttrium Iron Garnet Nanoscale Films Capped by Platinum. Physical Review Letters, 2013, 111, 106601. | 7.8 | 227 |
| 3 | Growth and ferromagnetic resonance properties of nanometer-thick yttrium iron garnet films. Applied Physics Letters, 2012, 101, . | 3.3 | 210 |
| 4 | Enhanced spin pumping at yttrium iron garnet/Au interfaces. Applied Physics Letters, 2012, 100, . | 3.3 | 154 |
| 5 | Ferromagnetic resonance of sputtered yttrium iron garnet nanometer films. Journal of Applied Physics, 2014, 115, . | 2.5 | 129 |
| 6 | Control of Spin Waves in a Thin Film Ferromagnetic Insulator through Interfacial Spin Scattering. Physical Review Letters, 2011, 107, 146602. | 7.8 | 115 |
| 7 | Control of Ferromagnetic Relaxation in Magnetic Thin Films through Thermally Induced Interfacial Spin Transfer. Physical Review Letters, 2012, 108, 257202. | 7.8 | 48 |
| 8 | Electric control of magnetization relaxation in thin film magnetic insulators. Applied Physics Letters, 2011, 99, . | 3.3 | 47 |
| 9 | Millimeter wave phase shifter based on ferromagnetic resonance in a hexagonal barium ferrite thin film. Applied Physics Letters, 2010, 97, . | 3.3 | 34 |
| 10 | Self-biased planar millimeter wave notch filters based on magnetostatic wave excitation in barium hexagonal ferrite thin films. Applied Physics Letters, 2010, 97, . | 3.3 | 29 |
| 11 | Growth and ferromagnetic resonance of yttrium iron garnet thin films on metals. Applied Physics Letters, 2012, 101, 082405. | 3.3 | 26 |
| 12 | Yttrium Iron Garnet Nano Films. Solid State Physics, 2013, 64, 157-191. | 0.5 | 22 |